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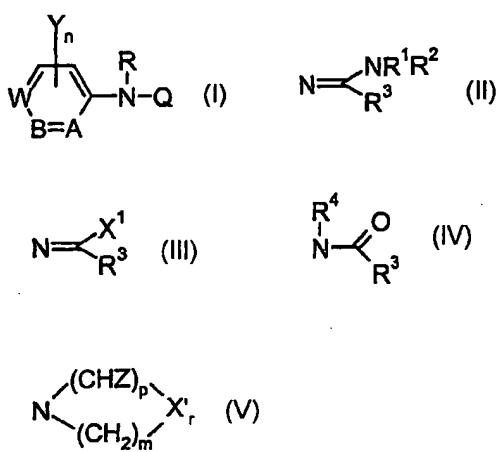
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(54) Title: THE USE OF N-ARYLHYDRAZINE DERIVATIVES FOR COMBATING PESTS IN AND ON ANIMALS



(57) Abstract: Use of compounds of formula (I) wherein Q is (II), (III), or (IV); X¹ is chlorine, bromine, or fluorine; R¹, R² are each independently H, alkyl, alkenyl, alkynyl, or cycloalkyl, alkylamino, dialkylamino, alkylcarbonylamino, alkylsulfonyl, or alkylsulfinyl, wherein the carbon atoms in these groups may be substituted, or R¹ and R² may be taken together to form a ring represented by the structure (V); p,m are 1, 2 or 3; X' is oxygen, sulfur, amino, alkylamino, phenylamino, or methylene; Z is alkyl or phenyl; R³ is H, alkyl, alkenyl, alkynyl, cycloalkyl, wherein the carbon atoms in these groups may be substituted; R, R⁴ are H or alkyl, alkoxy carbonyl, alkylaminocarbonyl, or dialkylaminocarbonyl, wherein the carbon atoms in the these groups may be substituted; A is C-R⁵ or N; B is C-R⁶ or N; W is C-R⁷ or N; with the proviso that one of A, B and W is other than N; R⁵, R⁶, R⁷ are H, halogen, nitro, cyano, amino, mercapto, hydroxy, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfinyl, wherein the carbon atoms in these groups may be substituted, a 5- to 6-membered aromatic ringsystem which may contain 1 to 4 heteroatoms selected from oxygen, sulfur and nitrogen and which may be substituted; Y is hydrogen, halogen, cyano, nitro, amino, hydroxy, mercapto, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfinyl, wherein the carbon atoms in these groups may be substituted; n is 0, 1, or 2; for combating parasites in and on animals.

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